

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
FLOYD COUNTY --- 1.2 SW WALLER [43.07, -92.67]				
	09/06/10 18:40 CST		1K	Thunderstorm Wind (EG 52 kt)
	09/06/10 18:40 CST		0	Source: Public
Trees were blown down over roads in the area.				
CHICKASAW COUNTY --- 0.9 ESE BASSETT [43.06, -92.52]				
	09/06/10 18:45 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	09/06/10 18:45 CST		0	Source: Law Enforcement
Trees were blown down across a road in Bassett.				
A cold front moved across parts of northeast Iowa during the evening hours of September 6th. A broken line of thunderstorms developed along the front and produced isolated wind damage.				
MITCHELL COUNTY --- 0.7 E STACYVILLE [43.43, -92.77], 1.3 NNE STACYVILLE [43.45, -92.77], 1.4 N STACYVILLE [43.45, -92.78], 1.1 N STACYVILLE [43.45, -92.78], 0.6 N STACYVILLE [43.44, -92.78], 0.3 N STACYVILLE [43.43, -92.78], 0.5 ESE STACYVILLE [43.43, -92.77]				
	09/23/10 12:00 CST		0	Flood (due to Heavy Rain)
	09/25/10 12:00 CST		0	Source: Newspaper
The Little Cedar River over-topped its banks which caused Riverside Park in Stacyville to flood.				
HOWARD COUNTY --- LIME SPGS [43.45, -92.28], 1.7 WSW LIME SPGS [43.44, -92.31], 1.9 ESE CHESTER [43.49, -92.33], 3.3 N LIME SPGS [43.50, -92.27], 3.9 N BONAIR [43.48, -92.21]				
	09/24/10 00:00 CST		5K	Flood (due to Heavy Rain)
	09/25/10 00:00 CST		0	Source: Newspaper
Flood waters from the Upper Iowa River affected the Lidtke Mill just north of Lime Springs.				
FLOYD COUNTY --- 1.7 SSW WALLER [43.06, -92.66], 0.7 E CHARLES CITY [43.07, -92.69], 0.7 E CHARLES CITY [43.07, -92.69], 1.8 SSW WALLER [43.06, -92.67], 1.9 SE CHARLES CITY [43.05, -92.67], 2.0 ESE CHARLES CITY [43.05, -92.67]				
	09/25/10 02:30 CST		0	Flood (due to Heavy Rain)
	09/26/10 19:00 CST		0	Source: River/Stream Gage
Heavy rains in the middle part of September across parts of Minnesota produced flooding along the Cedar River at Charles City. The river exceeded the flood stage on September 25th and 26th. The river crested over three and a half above the flood stage at 15.64 feet. Flood waters ran over the intersection of Riverside Drive and Illinois Street in Charles City, while portions of Sherman and Bayou Bend Parks as well as the I.C. Ballfields were underwater.				
Heavy rains fell across the area from the evening of September 22nd through the 23rd. Due to an abnormally wet summer and early September, widespread rainfall amounts of 2 to 3 inches caused flooding of rivers, creeks, and streams. Heavier rain in amounts of 6 to 8 inches fell in areas of southeast Minnesota and these waters flowed downstream through rivers in northeast Iowa, including the Cedar River. Some road closures did occur, as well as some low-land flooding.				
CLAYTON COUNTY --- 0.1 NE MARQUETTE [43.05, -91.18], 0.6 S MARQUETTE [43.04, -91.18], 0.5 NE MC GREGOR [43.02, -91.17], 2.4 SSE MC GREGOR [42.99, -91.16], 2.5 SSE MC GREGOR [42.99, -91.16], 0.6 SSE MARQUETTE [43.04, -91.18], 0.2 ENE MARQUETTE [43.05, -91.18]				
	09/28/10 08:00 CST		0	Flood (due to Heavy Rain)
	09/30/10 23:59 CST		0	Source: River/Stream Gage
Heavy rains in the middle part of September across parts of Minnesota and Wisconsin produced flooding along the Mississippi River at McGregor. The river exceeded the flood stage from September 28th through the remainder of the month, but did not crest until early October.				
CLAYTON COUNTY --- 1.1 N GUTTENBERG ARPT [42.84, -91.10], 0.1 WNW GUTTENBERG ARPT [42.82, -91.10], 1.0 SSW GUTTENBERG ARPT [42.81, -91.11], 0.4 SE GUTTENBURG [42.78, -91.10], 1.3 SE GUTTENBURG [42.77, -91.08], 1.7 ESE GUTTENBURG [42.77, -91.07], 1.1 ENE GUTTENBERG ARPT [42.83, -91.08]				
	09/29/10 01:00 CST		0	Flood (due to Heavy Rain)
	09/30/10 23:59 CST		0	Source: River/Stream Gage
Heavy rains in the middle part of September across parts of Minnesota and Wisconsin produced flooding along the Mississippi River at Guttenberg. The river exceeded the flood stage from September 29th through the remainder of the month, but did not crest until early October.				

Storm Data and Unusual Weather Phenomena - September 2010

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Heavy rains that fell across portions of Minnesota and Wisconsin in the middle part of September produced considerable flooding on many tributaries of the Mississippi River. As this water moved downstream and into the Mississippi, it pushed the river out of its banks during the last part of September.

MINNESOTA, Southeast

MOWER COUNTY --- 1.0 W RAMSEY [43.72, -93.00]

09/15/10 18:44 CST	6K	Thunderstorm Wind (EG 50 kt)
09/15/10 18:44 CST	0	Source: Broadcast Media

Six trees were blown down and a camper was blown over.

MOWER COUNTY --- 0.6 N LANSING [43.76, -92.97]

09/15/10 18:45 CST	2.50K	Thunderstorm Wind (EG 50 kt)
09/15/10 18:45 CST	0	Source: Broadcast Media

A fence was blown onto an automobile and a large tree was blown into power lines.

FILLMORE COUNTY --- 1.9 S PETERSON [43.77, -91.83]

09/15/10 21:08 CST	0	Hail (1.50 in)
09/15/10 21:08 CST	0	Source: Public

FILLMORE COUNTY --- 0.9 S PETERSON [43.79, -91.83]

09/15/10 21:10 CST	0	Hail (0.75 in)
09/15/10 21:10 CST	0	Source: Public

FILLMORE COUNTY --- 2.2 N BRATSBERG [43.76, -91.77]

09/15/10 21:16 CST	0	Hail (1.00 in)
09/15/10 21:16 CST	0	Source: Public

HOUSTON COUNTY --- 3.1 WNW MONEY CREEK [43.83, -91.68]

09/15/10 21:25 CST	0	Hail (0.75 in)
09/15/10 21:25 CST	0	Source: Public

MOWER COUNTY --- 0.9 S AUSTIN [43.66, -92.93]

09/15/10 21:35 CST	0	Thunderstorm Wind (MG 53 kt)
09/15/10 21:35 CST	0	Source: AWOS

The automated weather observing equipment at the Austin airport measured a sixty-one mile per hour wind gust.

WINONA COUNTY --- 0.5 WNW HART [43.88, -91.74]

09/15/10 22:00 CST	2.50K	Thunderstorm Wind (EG 56 kt)
09/15/10 22:00 CST	0	Source: Emergency Manager

Several trees were blown down in the township of Hart.

WINONA COUNTY --- 1.3 SE GOODVIEW [44.06, -91.68], 0.6 NE WINONA [44.06, -91.64], 1.9 E WINONA [44.05, -91.61], 2.2 ESE WINONA [44.03, -91.61], 1.5 W WINONA [44.05, -91.68]

09/15/10 22:00 CST	0	Flood (due to Heavy Rain)
09/16/10 00:00 CST	0	Source: Emergency Manager

Squad cars were pulled from flooded streets by tow trucks.

WINONA COUNTY --- 0.5 E WINONA [44.05, -91.64]

09/15/10 22:03 CST	1.50K	Thunderstorm Wind (EG 52 kt)
09/15/10 22:03 CST	0	Source: Law Enforcement

A street light pole and stop lights were blown down in the city of Winona.

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WINONA COUNTY --- NODINE [43.90, -91.45]	09/15/10 22:05 CST		0	Hail (1.75 in)
	09/15/10 22:05 CST		0	Source: Public
WINONA COUNTY --- 0.5 ESE LAMOILLE [44.00, -91.47]	09/15/10 22:10 CST		2K	Thunderstorm Wind (EG 52 kt)
	09/15/10 22:10 CST		0	Source: Law Enforcement
Small trees were knocked down along County Road 7.				
WINONA COUNTY --- 1.0 N NEW HARTFORD [43.89, -91.48], 0.9 WSW NODINE [43.90, -91.47], 1.0 SW NODINE [43.89, -91.46], 0.4 NE NEW HARTFORD [43.88, -91.47]	09/15/10 23:30 CST		0	Flood (due to Heavy Rain)
	09/16/10 01:30 CST		0	Source: Law Enforcement
Water was over roads near the intersection of County Roads 125 and 5.				
A warm front remained nearly stationary across central Iowa and northern Illinois during the evening hours of September 15th. A complex of thunderstorms developed north of the warm front and tracked across portions of southeast Minnesota. The thunderstorms knocked down trees, produced a sixty-one mile per hour wind gust at the Austin Municipal airport (Mower County) and golf ball size hail near Nodine (Winona County).				
DODGE COUNTY --- CLAREMONT [44.05, -93.00]	09/22/10 14:00 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
Rainfall totaled 9.50 inches.				
DODGE COUNTY --- DODGE CENTER [44.03, -92.85]	09/22/10 14:00 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
Rainfall totaled 8.08 inches, which set a record for the highest daily precipitation amount for the month of September.				
DODGE COUNTY --- HAYFIELD [43.88, -92.87]	09/22/10 14:00 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
Rainfall totaled 7.28 inches.				
DODGE COUNTY --- WEST CONCORD [44.15, -92.90]	09/22/10 14:00 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
Rainfall totaled 8.25 inches.				
MOWER COUNTY --- 0.9 W AUSTIN [43.67, -92.95]	09/22/10 14:00 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
Total rainfall through the storm was 5.12 inches.				
MOWER COUNTY --- ELKTON [43.67, -92.72]	09/22/10 14:00 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
Total rainfall through the storm was 6.05 inches.				
MOWER COUNTY --- GRAND MEADOW [43.70, -92.58]	09/22/10 14:00 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: COOP Observer

Storm Data and Unusual Weather Phenomena - September 2010

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Total rainfall through the storm was 5.00 inches, falling over a two day period.

DODGE COUNTY --- MANTORVILLE [44.07, -92.75]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 15:30 CST	0	Source: Public

Rainfall totaled 8.50 inches, but the first 1.53 inches fell in one hour, between 3 p.m. and 4 p.m. CST on the 22nd.

OLMSTED COUNTY --- 1.1 ENE (RST) ROCHESTER MUNI [43.93, -92.48]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 6.22 inches just northeast of the Rochester International Airport.

OLMSTED COUNTY --- 2.0 SE ROCHESTER [44.01, -92.44]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 5.60 inches on the southeast side of Rochester.

WABASHA COUNTY --- KELLOGG [44.32, -92.00]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 7.33 inches.

WABASHA COUNTY --- LAKE CITY [44.45, -92.27]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 6.45 inches, including 4.56 inches on September 23rd and a brand new daily September record.

WABASHA COUNTY --- THEILMAN [44.30, -92.20]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 8.57 inches, including 6.25 inches on September 23rd and a brand new daily September record.

WABASHA COUNTY --- WABASHA [44.38, -92.03]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 7.29 inches, including 5.16 inches on September 23rd and a brand new daily September record.

WINONA COUNTY --- 5.0 W ALTURA [44.07, -92.03]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 5.79 inches.

WINONA COUNTY --- MINNESOTA CITY [44.10, -91.75]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 6.37 inches.

WINONA COUNTY --- WINONA MUNI ARPT [44.08, -91.70]

09/22/10 14:30 CST	0	Heavy Rain
09/23/10 22:00 CST	0	Source: Public

Storm total rainfall was 5.19 inches. In the city of Winona a total of 5.15 inches was reported.

Storm Data and Unusual Weather Phenomena - September 2010

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OLMSTED COUNTY --- BYRON [44.03, -92.65]				
	09/22/10 15:30 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
The storm total rainfall was 6.19 inches.				
WABASHA COUNTY --- 0.5 W READS LNDG [44.40, -92.09]				
	09/22/10 15:30 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Amateur Radio
Heavy rain fell, as 6.80 inches was measured. Of that amount, 4.90 inches had fallen as of 2:15 a.m. CST on the 23rd.				
FILLMORE COUNTY --- 0.9 NE HARMONY [43.56, -92.01]				
	09/22/10 16:30 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: COOP Observer
The storm total rainfall was 4.83 inches, while 1.92 inches of that total fell between 6 p.m. and 7:30 p.m. CST on the 22nd. Elsewhere across the county, storm total amounts included 4.48 inches near Spring Valley, 4.13 inches at Carimona, and 3.89 inches at Highland.				
FILLMORE COUNTY --- 1.0 SW CHATFIELD [43.84, -92.19]				
	09/22/10 16:30 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
The storm total rainfall was 4.75 inches.				
FILLMORE COUNTY --- LANESBORO [43.72, -91.98]				
	09/22/10 16:30 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
The storm total rainfall was 4.51 inches.				
FILLMORE COUNTY --- PRESTON [43.68, -92.08]				
	09/22/10 16:30 CST		0	Heavy Rain
	09/23/10 22:00 CST		0	Source: Public
The storm total rainfall was 4.56 inches.				
WINONA COUNTY --- 0.9 NW WHITMAN [44.16, -91.81]				
	09/22/10 16:30 CST		0	Heavy Rain
	09/23/10 22:30 CST		0	Source: COOP Observer
The storm total rainfall amounted to 6.78 inches. High rainfall amounts were also measured in other parts of the county, which included 3.92 inches at Lock and Dam 7 near Dresbach.				
HOUSTON COUNTY --- 2.6 ESE BLACK HAMMER [43.61, -91.62]				
	09/22/10 17:00 CST		0	Heavy Rain
	09/23/10 06:00 CST		0	Source: COOP Observer
The total rainfall amounted to 4.04 inches. Elsewhere in the county, the total rainfall was 3.76 inches at Spring Grove and 3.03 inches near Reno.				
DODGE COUNTY --- 5.3 N RICE LAKE [44.20, -93.04], 4.9 ENE BERNE [44.20, -92.68], 4.2 ESE OSLO [43.85, -92.68], 9.0 WSW HAYFIELD [43.85, -93.05]				
	09/23/10 00:22 CST		2M	Flood (due to Heavy Rain)
	09/24/10 20:00 CST		0	Source: Law Enforcement
Rivers, creeks, and streams as well as low-lying areas throughout the county were flooded due to very heavy rainfall. At least 20 roads were closed across the county, while a few bridges were damaged and needed reconstruction. Specific road closures included State Highway 56, State Highway 24 as the Middle Fork of the Zumbro River flooded, and County Road 7. One home was destroyed, 4 others had major damage, and 57 others reported minor damage.				
WABASHA COUNTY --- 4.8 ENE PLAINVIEW [44.19, -92.08], 6.3 SE PLAINVIEW [44.11, -92.08], 3.8 WSW ELGIN [44.11, -92.32], 2.5 SSE JARRETTS [44.19, -92.32], 5.9 S MAZEPPA [44.20, -92.55], 1.9 N MAZEPPA [44.31, -92.55], 0.2 ENE LAKE CITY [44.45, -92.27], 2.8 NE WEAVER [44.25, -91.89]				

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/23/10 00:57 CST		4.50M	Flood (due to Heavy Rain)
	09/25/10 19:30 CST		0	Source: Law Enforcement

Flooding occurred along rivers, streams and creeks as well as low-lying areas throughout the county. At least 14 roads were closed across the county due to water over the roads, including U.S. Highway 63, State Highways 68 and 60, and County Roads 3, 8, 21, and 11. At least 10 schools throughout the county canceled classes due to road closures. It was estimated that 300 homes were affected by flood waters throughout the county, 99 of which were in the towns of Zumbro Falls and Hammond. The areas that saw the worst flooding included locations along the Zumbro River, including the cities of Zumbro Falls, Hammond, Millville, and Jarrett. Due to the rising river, the towns of Zumbro Falls, Hammond, and Millville were evacuated, as well as 20 to 30 residents who lived along County Road 11 between Hammond and Millville. In Kellogg, massive erosion occurred along the Zumbro River, which endangered some homes.

OLMSTED COUNTY --- 3.1 SSE LITTLE VLY [44.04, -92.10], 3.1 SSE LITTLE VLY [44.04, -92.11], 3.1 SSE LITTLE VLY [44.04, -92.11], 3.2 SSE LITTLE VLY [44.04, -92.10], 3.3 SSE LITTLE VLY [44.04, -92.11], 3.4 SSE LITTLE VLY [44.03, -92.10], 3.4 SSE LITTLE VLY [44.04, -92.10], 3.2 SSE LITTLE VLY [44.04, -92.10]

09/23/10 02:15 CST	0	Flood (due to Heavy Rain)
09/23/10 20:15 CST	0	Source: River/Stream Gage

Locally heavy rains pushed the Middle Fork of the Whitewater River near the Whitewater State Park out of its banks on September 23rd. The river exceeded the flood stage by two feet, cresting at 15.51 feet.

DODGE COUNTY --- 5.3 N RICE LAKE [44.20, -93.04], 4.9 ENE BERNE [44.20, -92.68], 4.2 ESE OSLO [43.85, -92.68], 9.0 WSW HAYFIELD [43.85, -93.05]

09/23/10 04:00 CST	0.50M	Flash Flood (due to Heavy Rain)
09/23/10 12:00 CST	0	Source: Law Enforcement

Many roads and culverts across the county were washed out.

OLMSTED COUNTY --- 3.3 SW CUMMINGSVILLE [43.85, -92.32], 4.8 SE DOVER [43.92, -92.08], 3.0 NE LITTLE VLY [44.11, -92.08], 3.5 NW VIOLA [44.11, -92.32], 2.3 NE POTSDAM [44.19, -92.32], 6.0 NNW GENOA [44.20, -92.68], 6.0 SSW ROCK DELL [43.84, -92.68], 1.6 E STEWARTVILLE [43.85, -92.45]

09/23/10 05:30 CST	3.55M	Flood (due to Heavy Rain)
09/25/10 19:30 CST	0	Source: Law Enforcement

Flooding occurred on most of the rivers, streams, and creeks throughout the county. Water caused at least 20 road closures throughout the county, which included U.S. Highway 52 north of Oronoco as well as County Roads 105, 14, 31, 18, 5 and 133. Seven of the roads were damaged, 3 of which saw extensive damage. Two vehicles tried driving across a water covered road in Oronoco and were swept away. The people in the vehicles were rescued safely. Across the county, 81 homes incurred major damage, while 10 homes had minor damage. Of those 91 homes with damage, 50 occurred in the city of Oronoco. In the city of Eyota, the sewer system was full and many homes had water in their basements. A small subdivision in Rochester was evacuated due to rising water, while the majority of the Meadow Lakes Golf Course in southeast Rochester was underwater. The rain began the afternoon of the 22nd, with the majority falling by 6 a.m. CST on the 23rd. Rainfall amounts across the county as of 6 a.m. CST on the 23rd included 4.68 inches in Rochester, 4.54 inches near the Rochester Airport, 3.66 inches at the Maple Valley Golf Course, 3.47 inches at Dover, and 3.24 inches near Elgin.

FILLMORE COUNTY --- 3.4 SSW OSTRANDER [43.57, -92.45], 5.4 N HAMILTON [43.85, -92.45], 2.7 NE RUSHFORD [43.85, -91.73], 2.1 ESE BRATSBURG [43.72, -91.73]

09/23/10 08:00 CST	45K	Flood (due to Heavy Rain)
09/24/10 08:00 CST	0	Source: Emergency Manager

Heavy rain fell across the area which caused flooding of rivers, streams and creeks, as well as in low-lying areas. The flood waters caused closures of roads, while some of these roads incurred some minor damage. The majority of the rain fell from 3 p.m. on the 22nd through 9 a.m. on the 23rd as 4.60 inches was measured at Spring Valley in that time frame.

MOWER COUNTY --- 5.4 SSE RACINE [43.71, -92.45], 2.5 W JOHNSBURG [43.50, -92.83], 4.0 W LYLE [43.50, -93.05], 5.3 N CORNING [43.85, -93.05], 7.3 ENE SARGEANT [43.85, -92.69], 6.9 ENE SARGEANT [43.83, -92.69], 4.5 NE RACINE [43.83, -92.45]

09/23/10 10:00 CST	0.85M	Flood (due to Heavy Rain)
09/25/10 19:30 CST	0	Source: Department of Highways

A few county roads were closed, including County Road 28 due to flooding. Also, city roads were closed in Austin, Grand Meadow, Adams and Le Roy, while evacuations of some apartments took place near Oakland Place in Austin. The rain began around 2 p.m. CST on the 22nd and continued through 10 p.m. CST on the 23rd. However, the majority of the rain fell by 7 a.m. CST on the 23rd.

WABASHA COUNTY --- 0.6 WNW ZUMBRO FALLS [44.28, -92.44], 0.5 WNW ZUMBRO FALLS [44.28, -92.44], 0.4 NNW ZUMBRO FALLS [44.29, -92.43], 0.4 SE ZUMBRO FALLS [44.28, -92.43], 0.5 SE ZUMBRO FALLS [44.28, -92.42], 0.4 E ZUMBRO FALLS [44.28, -92.42], 0.4 NE ZUMBRO FALLS [44.28, -92.42], 0.6 N ZUMBRO FALLS [44.29, -92.43]

Storm Data and Unusual Weather Phenomena - September 2010

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	09/23/10 10:00 CST		3.50M	Flood (due to Heavy Rain)
	09/27/10 10:00 CST		0	Source: River/Stream Gage

Locally heavy rains pushed the Zumbro River in Zumbro Falls out of its banks starting on September 23rd. The river gage failed during the flooding and the river is estimated to have returned to within its banks on the 27th. The crest was determined by an USGS survey to have been 35.8 feet, which exceeded the flood stage by almost 18 feet. This crest also established a new flood of record. Numerous homes were heavily damaged or destroyed.

WINONA COUNTY --- 1.7 SSW TROY [43.85, -92.08], 2.6 SE DRESBACH [43.85, -91.30], 1.4 E LAMOILLE [44.00, -91.45], 1.3 WNW HOMER [44.03, -91.59], 0.8 SE MINNEISKA [44.19, -91.87], 3.8 NW BEAVER [44.19, -92.08]				
	09/23/10 10:32 CST		1.36M	Flood (due to Heavy Rain)
	09/24/10 08:00 CST		0	Source: Law Enforcement

Flooding occurred along rivers, creeks, and streams as well as in low-lying areas, with the worst impacts seen in the northern parts of the county. Numerous roads were closed and some were damaged by flood waters. A portion of County Road 74 southwest of Elba was closed due to high water. The Whitewater River saw major flooding, which did some damage to portions of the Whitewater State Park, which was evacuated. Five homes incurred minor damage. At mid-morning on the 23rd, the majority of the rain had fallen with 5.52 inches measured at a location 5 miles north of St. Charles and 4.20 inches in Winona.

MOWER COUNTY --- 3.1 W MAPLEVIEW [43.68, -93.04], 2.8 W MAPLEVIEW [43.68, -93.04], 2.7 W MAPLEVIEW [43.68, -93.03], 2.8 W MAPLEVIEW [43.68, -93.04]				
	09/23/10 13:15 CST		0	Flood (due to Heavy Rain)
	09/26/10 18:15 CST		0	Source: River/Stream Gage

Locally heavy rains pushed Turtle Creek near Austin out of its banks from September 23rd to the 26th. The creek exceeded the flood stage by over two feet, cresting at 12.71 feet.

MOWER COUNTY --- 0.7 ESE LANSING [43.74, -92.96], 0.8 ESE LANSING [43.74, -92.96], 0.6 ESE LANSING [43.75, -92.96], 0.6 E LANSING [43.75, -92.96], 0.6 E LANSING [43.75, -92.96], 0.6 E LANSING [43.75, -92.96], 0.6 ESE LANSING [43.75, -92.96]				
	09/23/10 14:45 CST		0	Flood (due to Heavy Rain)
	09/25/10 03:15 CST		0	Source: River/Stream Gage

Locally heavy rains pushed the Cedar River near Lansing out of its banks from September 23rd to the 25th. The river exceeded the flood stage by three feet, cresting at 21.0 feet.

MOWER COUNTY --- 0.6 NW AUSTIN [43.68, -92.94], 0.6 NW AUSTIN [43.68, -92.94], 0.7 NW AUSTIN [43.68, -92.94], 0.7 NW AUSTIN [43.68, -92.94], 0.7 NW AUSTIN [43.68, -92.94], 0.7 NW AUSTIN [43.68, -92.94]				
	09/23/10 16:45 CST		0	Flood (due to Heavy Rain)
	09/24/10 09:00 CST		0	Source: River/Stream Gage

Locally heavy rains pushed Dobbins Creek near Austin out of its banks on September 23rd and 24th. The creek exceeded the flood stage by just over a foot, cresting at 12.57 feet.

OLMSTED COUNTY --- 2.0 N ROCHESTER [44.06, -92.47], 2.2 N ROCHESTER [44.06, -92.47], 2.5 N ROCHESTER [44.07, -92.47], 2.5 N ROCHESTER [44.07, -92.46], 2.3 N ROCHESTER [44.06, -92.46]				
	09/23/10 17:00 CST		0	Flood (due to Heavy Rain)
	09/24/10 16:00 CST		0	Source: River/Stream Gage

Locally heavy rains pushed the South Fork of the Zumbro River in Rochester out of its banks on September 23rd and 24th. The river exceeded the flood stage by over three feet, cresting at 17.16 feet.

OLMSTED COUNTY --- 0.2 NNW ROCHESTER [44.03, -92.47], 0.1 SW ROCHESTER [44.03, -92.47], 0.2 WSW ROCHESTER [44.03, -92.47], 0.2 NNW ROCHESTER [44.03, -92.47]				
	09/23/10 18:45 CST		0	Flood (due to Heavy Rain)
	09/23/10 20:00 CST		0	Source: River/Stream Gage

Locally heavy rains pushed Cascade Creek in Rochester out of its banks on September 23th. The creek exceeded the flood stage by less than a half foot, cresting at 13.16 feet.

WABASHA COUNTY --- 0.5 NNW KELLOGG [44.33, -92.01], 0.8 SSW KELLOGG [44.31, -92.01], 1.7 SSE DUMFRIES [44.33, -92.11], 1.2 N DUMFRIES [44.37, -92.12]				
	09/23/10 18:59 CST		0.13M	Flash Flood (due to Heavy Rain)
	09/24/10 00:00 CST		0	Source: Emergency Manager

Mudslides occurred along the Zumbro River along County Road 81, between State Highway 60 and U.S. Highway 61.

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MOWER COUNTY --- 1.4 ENE AUSTIN ACRES [43.66, -92.97], 1.5 ENE AUSTIN ACRES [43.66, -92.97], 1.4 E AUSTIN ACRES [43.65, -92.97], 1.3 E AUSTIN ACRES [43.65, -92.97], 1.4 E AUSTIN ACRES [43.65, -92.97], 1.5 ENE AUSTIN ACRES [43.65, -92.97], 1.6 ENE AUSTIN ACRES [43.66, -92.97], 1.4 ENE AUSTIN ACRES [43.66, -92.97]				
	09/23/10 22:00 CST		0	Flood (due to Heavy Rain)
	09/25/10 08:00 CST		0	Source: River/Stream Gage

Locally heavy rains pushed the Cedar River in Austin out of its banks from September 23rd to the 25th. The river exceeded the flood stage by five and a half feet, cresting at 20.6 feet.

WABASHA COUNTY --- HAMMOND [44.23, -92.38], 1.2 W JARRETTS [44.23, -92.35], 1.4 WSW JARRETTS [44.22, -92.35], 0.8 S HAMMOND [44.22, -92.38], 0.6 SW HAMMOND [44.22, -92.39]				
	09/23/10 22:00 CST		4.59M	Flood (due to Heavy Rain)
	09/26/10 11:00 CST		0	Source: Newspaper

Major flooding occurred in the town of Hammond due to record flooding on the Zumbro River. Of the 75 homes in the town, 19 were damaged and 20 were destroyed. Power, water and septic services were down in the town for several days. Businesses in the town also saw extensive damage.

WABASHA COUNTY --- 0.9 N ZUMBRO FALLS [44.29, -92.43], 1.0 ENE ZUMBRO FALLS [44.28, -92.41], 0.8 ESE ZUMBRO FALLS [44.28, -92.41], 0.4 SSW ZUMBRO FALLS [44.27, -92.43], 0.8 NW ZUMBRO FALLS [44.29, -92.44]				
	09/24/10 00:00 CST		5.20M	Flood (due to Heavy Rain)
	09/26/10 06:00 CST		0	Source: NWS Storm Survey

Major flooding occurred in the town of Zumbro Falls as the Zumbro River rose to record levels. Of the 95 homes in the town, 60 were affected by flood waters. Businesses in the downtown area also saw damages, while propane tanks were seen floating around. The entire town was evacuated, while power, water and septic systems were down for days. The rainfall as of 5:30 a.m. CST on the 23rd amounted to 6.37 inches.

OLMSTED COUNTY --- 0.6 SSW ORONOCO [44.16, -92.54], 0.5 SSW ORONOCO [44.16, -92.53], 0.6 SSW ORONOCO [44.16, -92.53], 0.6 SSW ORONOCO [44.16, -92.54]				
	09/24/10 11:00 CST		7M	Flash Flood (due to Heavy Rain)
	09/25/10 23:59 CST		0	Source: Newspaper

The approach on the north side of the County Road 18 bridge going through Oronoco washed out as the Middle Fork of the Zumbro River flooded. The Lake Shady Dam was also damaged.

HOUSTON COUNTY --- 0.4 WSW HOUSTON [43.77, -91.58], 0.4 W HOUSTON [43.77, -91.58], 0.2 W HOUSTON [43.77, -91.57], 0.1 SSW HOUSTON [43.77, -91.57], 0.4 ENE HOUSTON [43.77, -91.56], 0.4 E HOUSTON [43.77, -91.56], 0.1 SSE HOUSTON [43.77, -91.57]				
	09/25/10 11:00 CST		0	Flood (due to Heavy Rain)
	09/25/10 16:30 CST		0	Source: River/Stream Gage

Locally heavy rains pushed the Root River at Houston out of its banks on September 23rd. The river gage failed during the flooding and the river is estimated to have returned to within its banks later the same day. The estimated crest was 15.4 feet, which is less than a half foot over the flood stage.

A stationary front set up across southern Minnesota on the evening of September 22nd. As an unusually moist air mass flowed over this boundary, heavy rain developed and fell repeatedly across the area during the evening and overnight hours. Soils were abnormally wet for this time of year, therefore the extreme rainfall amounts that fell caused widespread significant river flooding and flash flooding. Infrastructure was greatly affected with millions of dollars of damage, while private properties were also heavily damaged. Dodge, Olmsted, Wabasha, Winona, and Mower counties were included in federal disaster declarations (FEMA-1941-DR).

WABASHA COUNTY --- 1.5 W READS LNDG [44.40, -92.11], 0.2 SE READS LNDG [44.40, -92.08], 0.5 E WABASHA [44.38, -92.02], 0.5 E WABASHA [44.38, -92.02], 1.2 E READS LNDG [44.40, -92.06], 1.6 NW READS LNDG [44.41, -92.11]				
	09/27/10 10:00 CST		0	Flood (due to Heavy Rain)
	09/30/10 23:59 CST		0	Source: River/Stream Gage

Heavy rains in the middle part of September across parts of Minnesota and Wisconsin produced flooding along the Mississippi River at Wabasha. The river exceeded the flood stage from September 27th through the end of the month. The river crested almost a foot above the flood stage, at 12.95 feet.

WINONA COUNTY --- 0.8 ESE WINONA MUNI ARPT [44.08, -91.68], 0.6 N WINONA [44.06, -91.65], 1.8 E WINONA [44.05, -91.61], 1.8 E WINONA [44.05, -91.61], 1.1 NE WINONA [44.06, -91.64], 1.7 ENE WINONA MUNI ARPT [44.09, -91.67]				
	09/28/10 06:00 CST		0	Flood (due to Heavy Rain)
	09/30/10 23:59 CST		0	Source: River/Stream Gage

Heavy rains in the middle part of September across parts of Minnesota and Wisconsin produced flooding along the Mississippi River at Winona. The river exceeded the flood stage from September 28th through the remainder of the month. The river crested over a half foot above the flood stage at 13.67 feet.

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Heavy rains that fell across portions of Minnesota and Wisconsin in the middle part of September produced considerable flooding on many tributaries of the Mississippi River. As this water moved downstream and into the Mississippi, it pushed the river out of its banks during the last part of September.

WISCONSIN, Southwest

TAYLOR COUNTY --- 6.0 WSW WHITTLESEY [45.19, -90.45]

09/02/10 06:05 CST	3K	Thunderstorm Wind (EG 56 kt)
09/02/10 06:05 CST	0	Source: Department of Highways

Several trees were knocked down. Other trees were blown down as well across eastern parts of the county.

A line of thunderstorms ahead of a cold front moved quickly over parts of north central Wisconsin during the morning hours of September 2nd. The thunderstorms produced damaging winds and knocked down trees over parts of Taylor County.

GRANT COUNTY --- 3.0 SE MT HOPE [42.94, -90.83]

09/02/10 15:58 CST	4K	Thunderstorm Wind (EG 56 kt)
09/02/10 15:58 CST	0	Source: Law Enforcement

Large tree limbs were blown down.

GRANT COUNTY --- 0.5 E LANCASTER [42.85, -90.71]

09/02/10 16:00 CST	4K	Thunderstorm Wind (EG 56 kt)
09/02/10 16:05 CST	0	Source: Law Enforcement

Numerous trees were blown down around the city of Lancaster and one of the trees fell onto a house.

A line of severe thunderstorms along a cold front tracked quickly across parts of southwest Wisconsin during the late afternoon hours of September 2nd. The thunderstorms knocked down several trees around the city of Lancaster (Grant County). This, combined with some flooding issues later in the month, led Grant County to be included in a federal disaster declaration (FEMA-1933-DR).

BUFFALO COUNTY --- 0.6 NNE GILMANTON [44.48, -91.67]

09/06/10 05:03 CST	0	Hail (0.75 in)
09/06/10 05:03 CST	0	Source: Public

CLARK COUNTY --- 2.8 ESE CHRISTIE [44.63, -90.55]

09/06/10 05:24 CST	0	Hail (1.50 in)
09/06/10 05:24 CST	0	Source: COOP Observer

JACKSON COUNTY --- 0.5 W MERRILLAN [44.45, -90.84]

09/06/10 05:53 CST	0	Hail (1.00 in)
09/06/10 05:53 CST	0	Source: Public

JACKSON COUNTY --- CITY PT [44.35, -90.32]

09/06/10 06:30 CST	0	Hail (1.00 in)
09/06/10 06:30 CST	0	Source: NWS Employee

A warm front pushed north into northern Iowa and southern Wisconsin in the morning hours of September 6th. Scattered severe thunderstorms developed north of the warm front and moved over parts of western Wisconsin. The thunderstorms produced large hail ranging from penny size to ping pong ball size.

LA CROSSE COUNTY --- 0.1 N NEW AMSTERDAM [43.98, -91.32], 1.9 W STEVENSTOWN [44.03, -91.21], 1.8 E LA CROSSE [43.80, -91.21], 0.4 NNE LA CROSSE [43.81, -91.25]

09/15/10 23:00 CST	0	Flood (due to Heavy Rain)
09/16/10 01:30 CST	0	Source: NWS Employee

A National Weather Service employee measured 3.28 inches of rain in two hours (2100 CST to 2300 CST) and reported streets flooded in the New Amsterdam area. Water also covered Losey Boulevard between La Crosse and Main Streets in La Crosse and ditches were overflowing into yards along County Road V.

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A warm front remained nearly stationary across central Iowa and northern Illinois during the evening hours of September 15th. Several rounds of thunderstorms moved across western La Crosse County and produced very heavy rainfall. The heavy rainfall caused street flooding in the city of La Crosse (La Crosse County) and flooding of yards in the town of Holland (La Crosse County).

BUFFALO COUNTY --- 0.4 NNE ALMA [44.33, -91.92]

09/22/10 15:00 CST	0		0	Heavy Rain
09/23/10 22:00 CST	0		0	Source: Other Federal Agency

Storm total rainfall from lock and dam #4 near Alma was 7.08 inches.

BUFFALO COUNTY --- MONDOVI [44.57, -91.68]

09/22/10 15:00 CST	0		0	Heavy Rain
09/23/10 22:00 CST	0		0	Source: Public

Storm total rainfall was 5.26 inches.

BUFFALO COUNTY --- NELSON [44.42, -92.00]

09/22/10 15:30 CST	0		0	Heavy Rain
09/23/10 22:00 CST	0		0	Source: Fire Department/Rescue

The storm total rainfall amounted to 7.50 inches.

CLARK COUNTY --- NEILLSVILLE [44.57, -90.60]

09/22/10 16:00 CST	0		0	Heavy Rain
09/24/10 00:30 CST	0		0	Source: Public

Storm total rainfall was 5.40 inches. On September 23rd a total of 3.80 inches of rain fell setting a record for any daily amount in the month of September.

JACKSON COUNTY --- 1.5 ESE VAUDREUIL [44.29, -90.85]

09/22/10 16:00 CST	0		0	Heavy Rain
09/23/10 23:00 CST	0		0	Source: COOP Observer

The storm total rainfall amounted to 7.01 inches.

JACKSON COUNTY --- MERRILLAN [44.45, -90.83]

09/22/10 16:00 CST	0		0	Heavy Rain
09/23/10 23:00 CST	0		0	Source: Public

The storm total rainfall amounted to 5.95 inches.

JACKSON COUNTY --- TAYLOR [44.32, -91.12]

09/22/10 16:00 CST	0		0	Heavy Rain
09/23/10 23:00 CST	0		0	Source: Public

Total rainfall from the storm was 6.65 inches.

TREMPEALEAU COUNTY --- 2.1 WNW BLAIR [44.31, -91.27]

09/22/10 16:00 CST	0		0	Heavy Rain
09/23/10 23:00 CST	0		0	Source: COOP Observer

The storm total rainfall amounted to 6.72 inches.

TREMPEALEAU COUNTY --- GALESVILLE [44.08, -91.35]

09/22/10 16:00 CST	0		0	Heavy Rain
09/23/10 23:00 CST	0		0	Source: Public

The storm total rainfall amounted to 5.55 inches.

TREMPEALEAU COUNTY --- OSSEO [44.58, -91.22]

09/22/10 16:00 CST	0		0	Heavy Rain
09/23/10 23:00 CST	0		0	Source: Public

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The storm total rainfall amounted to 5.15 inches.				
TREMPEALEAU COUNTY --- TREMPEALEAU [44.00, -91.43]				
	09/22/10 16:00 CST		0	Heavy Rain
	09/23/10 23:00 CST		0	Source: Public
The storm total rainfall amounted to 4.73 inches.				
TREMPEALEAU COUNTY --- WHITEHALL [44.37, -91.32]				
	09/22/10 16:00 CST		0	Heavy Rain
	09/23/10 23:00 CST		0	Source: Public
The storm total rainfall amounted to 6.67 inches.				
MONROE COUNTY --- 5.0 SW WARRENS [44.08, -90.57]				
	09/22/10 16:30 CST		0	Heavy Rain
	09/23/10 21:15 CST		0	Source: COOP Observer
The storm total rainfall amounted to 4.97 inches.				
MONROE COUNTY --- FOUR CORNERS [44.08, -90.92]				
	09/22/10 16:30 CST		0	Heavy Rain
	09/23/10 21:15 CST		0	Source: Public
Storm total rainfall amounted to 4.88 inches.				
CLARK COUNTY --- 1.5 SSE SIDNEY [44.53, -90.64]				
	09/22/10 17:00 CST		0	Heavy Rain
	09/24/10 01:30 CST		0	Source: COOP Observer
Rainfall amounted to 5.88 inches. A total of 4.39 inches was measured 2 miles north of Owen as well.				
JUNEAU COUNTY --- MATHER [44.15, -90.30]				
	09/22/10 17:00 CST		0	Heavy Rain
	09/23/10 23:30 CST		0	Source: Public
The storm total rainfall amounted to 4.38 inches. Elsewhere in the county, Volk Field recorded 3.26 inches, while 2.90 inches fell near Necedah.				
VERNON COUNTY --- 0.8 SW GENOA [43.57, -91.23]				
	09/22/10 17:00 CST		0	Heavy Rain
	09/23/10 18:00 CST		0	Source: COOP Observer
The total rainfall amounted to 4.43 inches. Of the 3.90 inch total that fell north of Stoddard, 1.38 inches fell between the hours of 6 p.m. and 7:30 p.m. CST on the 22nd. Other amounts around the county included 3.59 inches near Westby and 3.49 inches in Ontario.				
LA CROSSE COUNTY --- 2.0 NW HOLMEN [43.99, -91.28]				
	09/22/10 17:30 CST		0	Heavy Rain
	09/23/10 20:00 CST		0	Source: NWS Employee
The total rainfall amounted to 5.05 inches. Elsewhere in the county, 4.89 inches was measured 2 miles north of Holmen, 4.38 inches fell 5 miles southeast of La Crosse, 3.99 inches fell at the National Weather Service just east of La Crosse, and 3.77 inches fell in West Salem.				
MONROE COUNTY --- LEON [43.88, -90.83]				
	09/22/10 17:30 CST		0	Heavy Rain
	09/23/10 21:00 CST		0	Source: Public
The storm total rainfall amounted to 6.18 inches. Elsewhere across the county rainfall totals 3.90 inches at Sparta and 3.77 inches at Kendall.				
TAYLOR COUNTY --- 0.5 E MEDFORD [45.13, -90.34]				
	09/22/10 18:00 CST		0	Heavy Rain
	09/24/10 01:30 CST		0	Source: COOP Observer

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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The storm total rainfall amounted to 3.40 inches. Also, the cooperative observer in Jump River measured a total rainfall of 3.27 inches.

BUFFALO COUNTY --- 1.0 NW EAST WINONA [44.06, -91.59], 1.3 SSW BUFFALO CITY [44.21, -91.86], 1.4 ENE TREVINO [44.42, -92.04], 1.6 SW MAXVILLE [44.56, -92.02], 3.3 SE MONDOVI ARPT [44.54, -91.53], 8.2 N DODGE [44.25, -91.53], 5.6 NNW DODGE [44.20, -91.61], 1.5 NNE MARSHLAND [44.10, -91.54]

09/23/10 01:10 CST	0.67M	Flood (due to Heavy Rain)
09/24/10 08:00 CST	0.28M	Source: Law Enforcement

Numerous roads across the county were closed due to flooding. Specific roads included State Highways 35 and 95 near Fountain City, State Highway 88, State Highway 37 north of Alma, Sand Road, Oak Valley Road, and Rose Valley Road. Also, all creeks and drainage areas were flooding in and around Nelson. Eight homes around the county had minor damage, while one business incurred major damage from flood waters. The rain began around 3:30 p.m. CST on the 22nd, and the majority of the rain fell by 7 a.m. CST on the 23rd. At this point, 5.50 inches had fallen at Nelson, while 5.14 inches was measured at Alma.

TREMPEALEAU COUNTY --- 0.9 NW TREMPEALEAU [44.01, -91.45], 6.6 ENE BUTMAN CORNERS [44.10, -91.15], 2.9 ENE OSSEO [44.60, -91.17], 3.2 WNW ELEVA [44.60, -91.53], 1.5 WSW ARCADIA [44.25, -91.53], 6.2 NW PINE CREEK [44.20, -91.60], 2.7 NW PINE CREEK [44.15, -91.56], 4.2 SSW PINE CREEK [44.07, -91.54]

09/23/10 02:00 CST	3.29M	Flood (due to Heavy Rain)
09/26/10 14:00 CST	3.30M	Source: Law Enforcement

Flooding occurred to rivers, creeks, streams, and low-lying areas throughout the county as very heavy rains fell over saturated soils. This caused numerous county and township road closures across the county, as well as closures of main highways including U.S. Highway 53 between Ettrick and Blair, State Highway 93 between Arcadia and Independence, State Highway 121 between Independence and Whitehall, and State Highway 95 from in the city of Blair to the Jackson County line. The city park in Blair was completely underwater, while a few businesses had some flood damage. In Whitehall, a trailer park was impacted. A 60 yard stretch of railroad tracks was underwater and partially washed out near County Road J by Dodge. Throughout the county, forty-two homes incurred minor damage and 2 homes saw major damage, while 13 businesses had minor damage and 5 had major damage. The majority of these damaged homes and businesses happened in Arcadia. Also, several schools were closed Thursday and Friday due to road closures in the districts. Although rain fell through much of the day on the 23rd, the majority had fallen by 10 a.m. that morning. Some rainfall totals around the county as of 10 a.m. CST on the 23rd include 5.00 inches at both Trempealeau and Blair and 4.89 inches near Whitehall.

TREMPEALEAU COUNTY --- 4.6 NNW IDUNA [44.26, -91.35], 4.8 NNW IDUNA [44.26, -91.37], 3.5 NNW IDUNA [44.24, -91.36], 3.0 WSW BLAIR ARPT [44.26, -91.29], 3.5 W BLAIR ARPT [44.28, -91.30], 4.1 W BLAIR ARPT [44.27, -91.31]

09/23/10 02:39 CST	10K	Flash Flood (due to Heavy Rain)
09/24/10 13:00 CST	0	Source: Law Enforcement

Mudslides flowed onto State Highway 95 and County Road D.

TREMPEALEAU COUNTY --- ARCADIA [44.25, -91.50], 0.4 W ARCADIA [44.25, -91.51], 0.7 WNW ARCADIA [44.25, -91.51], 0.7 N ARCADIA [44.26, -91.50], 0.6 NE ARCADIA [44.26, -91.49]

09/23/10 02:39 CST	7.64K	Flood (due to Heavy Rain)
09/24/10 13:00 CST	1	Source: Law Enforcement

Widespread flooding occurred in Arcadia as water from Turton Creek and Meyers Valley Creek over-topped their banks and flowed into town. Water from Turton Creek flowed down Main Street, while water from Meyers Valley Creek bypassed a small bridge and flowed into the town. There were 343 homes evacuated. More than 100 people needed help from emergency responders, who used heavy machinery and boats, to evacuate from their homes. Many vehicles were stranded, and some road damage occurred. Turton Creek washed away a 100-foot section of North Oak Street. Many homes and several businesses sustained damage, some of which incurred major damage. The rainfall amounted to 5.35 inches in Arcadia as of 4:15 a.m. CST on the 23rd, while it continued to rain through the day on the 23rd with a total of 6.92 inches.

JACKSON COUNTY --- 2.3 SW NORTH BEND [44.08, -91.15], 1.5 SSW IRVING [44.16, -90.91], 13.1 S CITY PT [44.16, -90.31], 5.1 N CITY PT [44.42, -90.32], 2.4 SE MERRILLAN [44.42, -90.80], 4.3 NNE MERRILLAN [44.51, -90.80], 5.5 N ALMA CENTER [44.51, -90.92], 2.2 WNW REQUA [44.60, -91.17]

09/23/10 03:49 CST	2.60M	Flood (due to Heavy Rain)
09/26/10 04:30 CST	0.50M	Source: Law Enforcement

Numerous roads were closed throughout the county due to heavy rains and flooding along rivers, streams, and creeks. Most bridges on township roads were over-topped with water. At one time, 56 roads were closed throughout the county. State Highway 95 was closed in several locations. Other specific road closures included Old Highway 95 and County Roads S, X, and VV. Lowland flooding occurred across much of the county, while many roads, trails, and campgrounds in the Black River State Forest were closed. Pigeon Creek was flooded and the Pigeon Falls Dam incurred some damage. Parks around Merrilan were all flooded, and the baseball field in Hixton was completely underwater. A person was rescued from a stranded vehicle on County Road VV, while assistance was given to a family evacuating in Irving Township. In Melrose, 8 structures and 4 homes were damaged due to flooding from the Black River. Throughout the county, 13 homes incurred major damage and 29 homes had minor damage. Although rain fell from the evening of the 22nd through much of the day on the 23rd, the majority of the rain had fallen as of 10 a.m. CST on the 23rd. At that point 5.30 inches had been measured in Merrilan.

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLARK COUNTY --- 0.9 N CHRISTIE [44.66, -90.60], 0.3 SSW CHRISTIE [44.65, -90.60], 0.9 ESE GLOBE [44.65, -90.65], 1.4 NE GLOBE [44.66, -90.65]	09/23/10 03:54 CST		50K	Flood (due to Heavy Rain)
	09/24/10 13:00 CST		0	Source: Law Enforcement
	County Road H washed out just west of the intersection with State Highway 73.			
BUFFALO COUNTY --- 0.8 ESE GARDEN VLY [44.32, -91.67], 0.7 NNW GARDEN VLY [44.34, -91.68], 2.1 ENE GLENCOE [44.29, -91.74], 1.7 SSW WAUMANDEE [44.28, -91.72], 0.5 S WAUMANDEE [44.29, -91.70], 2.0 SE WAUMANDEE [44.28, -91.67], 1.9 E WAUMANDEE [44.30, -91.66], 1.3 ENE WAUMANDEE [44.31, -91.68]	09/23/10 05:30 CST		10K	Flash Flood (due to Heavy Rain)
	09/24/10 13:00 CST		0	Source: Law Enforcement
	A few mudslides occurred in the Waumandee area.			
MONROE COUNTY --- 4.3 NW FOUR CORNERS [44.13, -90.97], 5.5 N FOUR CORNERS [44.16, -90.90], 3.8 NE WARRENS [44.16, -90.44], 2.5 N NORWAY RIDGE [44.16, -90.32], 0.9 N SHENNINGTON [44.04, -90.32], 5.3 S ROSEDALE [43.99, -90.91], 0.4 ENE ROSEDALE [44.07, -90.91], 2.6 W ROSEDALE [44.07, -90.97]	09/23/10 07:00 CST		6K	Flood (due to Heavy Rain)
	09/24/10 07:00 CST		0	Source: Emergency Manager
	Minor damage occurred to several county roads across the northern part of the county, including County Road G. The rain fell from the evening of the 22nd into the overnight hours on the 23rd. As of 10 a.m. CST on the morning of the 23rd, 5.52 inches had fallen at Cataract.			
VERNON COUNTY --- 1.4 WNW ONTARIO [43.73, -90.61], 1.4 WNW ONTARIO [43.73, -90.60], 1.2 WNW ONTARIO [43.73, -90.60], 1.0 WNW ONTARIO [43.73, -90.60], 0.9 WNW ONTARIO [43.73, -90.60], 0.8 WNW ONTARIO [43.72, -90.60], 1.1 WNW ONTARIO [43.72, -90.60]	09/23/10 07:00 CST		0	Flood (due to Heavy Rain)
	09/23/10 20:00 CST		0	Source: Emergency Manager
	Brush Creek was out of its banks and flooding nearby fields and lowlands.			
CLARK COUNTY --- 0.8 SE NEILLSVILLE [44.56, -90.59], 0.6 SSE NEILLSVILLE [44.56, -90.60], 0.4 SW NEILLSVILLE [44.57, -90.61], 0.2 SSW NEILLSVILLE [44.57, -90.60], 0.4 SSE NEILLSVILLE [44.56, -90.60], 0.6 SE NEILLSVILLE [44.56, -90.59], 0.6 ESE NEILLSVILLE [44.57, -90.59], 0.8 SE NEILLSVILLE [44.56, -90.59]	09/23/10 07:58 CST		50K	Flood (due to Heavy Rain)
	09/24/10 12:00 CST		0	Source: Trained Spotter
	O'Neill Creek was flooding in downtown Neillsville. This flooding impacted a few homes and businesses as the water made it to the base of four homes and was just inches from flooding a shopping center.			
JACKSON COUNTY --- 2.3 E VAUDREUIL [44.31, -90.83], 1.6 E VAUDREUIL [44.30, -90.85], 1.6 NW PLEASANT VIEW [44.29, -90.85], 1.4 ESE VAUDREUIL [44.29, -90.86], 1.5 SE VAUDREUIL [44.29, -90.86], 1.4 NNW PLEASANT VIEW [44.29, -90.84], 1.9 E VAUDREUIL [44.30, -90.84], 2.4 N PLEASANT VIEW [44.30, -90.83]	09/23/10 08:00 CST		0.75M	Flood (due to Heavy Rain)
	09/27/10 01:00 CST		0	Source: River/Stream Gage
	Locally heavy rains pushed the Black River at Black River Falls out of its banks from September 23rd to the 27th. The river exceeded the flood stage by over fourteen feet, cresting at 61.46 feet. This crest established a new flood of record. Ironically the dam at Black River Falls was being reconstructed during this event and was not in place during the peak. From the evening of the 23rd to the afternoon of the 24th, 80 homes in the city of Black River Falls were evacuated.			
LA CROSSE COUNTY --- 4.8 SW ST JOSEPH [43.73, -91.10], 4.7 SE HERRINGTON [43.73, -91.12], 3.5 SE HERRINGTON [43.75, -91.13], 3.9 ESE HERRINGTON [43.75, -91.11]	09/23/10 08:00 CST		6K	Flood (due to Heavy Rain)
	09/23/10 14:00 CST		0	Source: Law Enforcement
	Part of a driveway was washed out. At this location, the rainfall total was 4.58 inches from the evening of the 22nd through the evening of the 23rd.			
LA CROSSE COUNTY --- 1.1 ENE COUNCIL BAY [44.05, -91.26], 2.4 WNW STEVENSTOWN [44.05, -91.21], 3.4 NNW STEVENSTOWN [44.08, -91.19], 2.7 NNE STEVENSTOWN [44.07, -91.15], 6.9 ENE BURR OAK [44.07, -90.91], 3.7 ENE BURNS [43.96, -90.91], 2.3 NW HOLMEN [44.00, -91.28]	09/23/10 08:13 CST		0.17M	Flood (due to Heavy Rain)
	09/24/10 07:30 CST		0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several roads were closed in the northern part of the county due to water over the roads. County Road C was closed between County Roads DE and T, while 5 inches of water sat on the road at the intersection of County Roads C and DE. Other roads over-topped with water included Herman Coulee Road, portions of State Highway 162 and County Road A. There was also minor damage to 2 homes and 1 business from flood waters. In the two hours between 5:30 p.m. and 7:30 p.m. CST on the 22nd, the rainfall amounted to 1.15 inches, with widespread storm total amounts through the evening of the 23rd of 3.30 to 4.00 inches.				

MONROE COUNTY --- 3.7 NNW ANGELO [44.02, -90.82], 3.4 NNW ANGELO [44.01, -90.81], 3.5 NNW ANGELO [44.02, -90.81], 4.0 S CATARACT [44.02, -90.82], 4.0 NNW ANGELO [44.02, -90.82]				
	09/23/10 08:43 CST		10K	Flash Flood (due to Heavy Rain)
	09/23/10 20:00 CST		0	Source: Law Enforcement

A mudslide occurred near the intersection of County Road B and Echo Road.

MONROE COUNTY --- 0.5 N WARRENS [44.14, -90.50], 0.7 NNE WARRENS [44.14, -90.49], 0.3 ENE WARRENS [44.13, -90.49], 0.2 N WARRENS [44.13, -90.50]				
	09/23/10 09:00 CST		20K	Flood (due to Dam / Levee Break)
	09/24/10 07:30 CST		0	Source: Emergency Manager

A cranberry dam failed and washed out a portion of County Road O north of Warrens.

TREMPEALEAU COUNTY --- 2.0 WNW PINE CREEK [44.14, -91.56], 1.8 W PINE CREEK [44.13, -91.56], 1.6 W PINE CREEK [44.13, -91.55], 1.4 WSW PINE CREEK [44.12, -91.55], 1.5 WSW PINE CREEK [44.12, -91.55], 1.7 W PINE CREEK [44.13, -91.55], 1.9 W PINE CREEK [44.13, -91.56], 2.2 WNW PINE CREEK [44.14, -91.56]				
	09/23/10 09:00 CST		0	Flood (due to Heavy Rain)
	09/30/10 14:00 CST		0	Source: River/Stream Gage

Locally heavy rains pushed the Trempealeau River at Dodge out of its banks from September 23rd through the 30th. The river exceeded the flood stage by almost four feet, cresting at 12.75 feet. This crest established a new flood of record.

VERNON COUNTY --- 0.8 NNW ONTARIO [43.73, -90.59], 0.7 NNW ONTARIO [43.73, -90.59], 0.5 NW ONTARIO [43.73, -90.59], 0.5 W ONTARIO [43.72, -90.59], 0.4 W ONTARIO [43.72, -90.59], 0.5 NW ONTARIO [43.73, -90.59], 0.7 NNW ONTARIO [43.73, -90.59], 0.8 NNW ONTARIO [43.73, -90.59]				
	09/23/10 09:15 CST		0	Flood (due to Heavy Rain)
	09/23/10 16:45 CST		0	Source: River/Stream Gage

Locally heavy rains across west central Wisconsin pushed the Kickapoo River at Ontario briefly out of its banks on September 23rd. The river exceeded the flood stage by just over one foot, cresting at 19.3 feet.

CLARK COUNTY --- 1.6 ESE SHERWOOD [44.43, -90.32], 5.1 W LAKE ARBUTUS [44.42, -90.80], 4.9 ESE HUMBIRD [44.51, -90.81], 1.8 SW HUMBIRD [44.51, -90.92], 8.8 SSW EIDSVOLD [44.83, -90.92], 1.6 S UNITY [44.83, -90.32]				
	09/23/10 09:17 CST		1.15M	Flood (due to Heavy Rain)
	09/24/10 20:30 CST		0	Source: Law Enforcement

Flooding caused numerous county and township roads as well as some state roads to be closed across the southern half of the county, mainly south of Greenwood. Many low-lying township roads were closed, while some culverts were damaged and needed replacing. The hardest hit areas included the townships of Hewitt, Lynn, Sherwood, and Washburn. Water surged out of Mead Lake into the South Fork Eau Claire River, which then overflowed County Road M. The River Road just southwest of Greenwood was closed as the Black River flowed over the road. A pickup tried to cross this portion of the road and was swept into the ditch. In Abbotsford, Lindon Street and Pickard Road were closed as the sewer plant briefly overflowed. Many schools were closed on Thursday and Friday including Loyal, Greenwood, Granton and Neillsville. A State of Emergency was declared in many towns and villages across the county. There were 45 homes across the county with minor damage.

JACKSON COUNTY --- 4.6 E WINNEBAGO MISSION [44.33, -90.69], 1.1 ESE WINNEBAGO MISSION [44.32, -90.76], 3.0 N WINNEBAGO MISSION [44.37, -90.78], 3.6 SSE HATFIELD [44.37, -90.69]				
	09/23/10 09:43 CST		15K	Flood (due to Heavy Rain)
	09/24/10 23:59 CST		0	Source: Insurance Company

A washout occurred near the intersection of State Highway 54 and County Road K.

JACKSON COUNTY --- BLACK RIVER FALLS [44.30, -90.93], 2.5 WNW BLACK RIVER FALLS [44.31, -90.98], 1.9 NNE DISCO [44.29, -90.98], 0.7 S BLACK RIVER FALLS [44.29, -90.93]				
	09/23/10 09:43 CST		5K	Flash Flood (due to Heavy Rain)
	09/24/10 23:59 CST		0	Source: Law Enforcement

A mudslide occurred along County Road P near Petes Road.

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TREMPEALEAU COUNTY --- ARCADIA [44.25, -91.50], 3.1 SSW RUSSELL [44.39, -91.50], 1.9 NNW CORAL CITY [44.40, -91.29], 1.3 NNE BLAIR [44.32, -91.22]				
	09/23/10 10:12 CST		1.50M	Flood (due to Heavy Rain)
	09/24/10 13:00 CST		0	Source: Law Enforcement
Numerous roads were washed out between Blair, Whitehall, and Arcadia. A railway line was also underwater in several locations.				
TAYLOR COUNTY --- 3.2 S BELLINGER [45.03, -90.20], 2.8 N BELLINGER [45.12, -90.20], 3.7 SSE GOODRICH [45.12, -90.04], 7.4 E RIB LAKE [45.32, -90.05], 9.6 E JUMP RIVER [45.38, -90.61], 6.4 WNW JUMP RIVER [45.38, -90.92], 3.2 NNW DONALD [45.29, -90.93], 4.3 SE LUBLIN [45.03, -90.66]				
	09/23/10 11:00 CST		0.11M	Flood (due to Heavy Rain)
	09/24/10 18:00 CST		0	Source: Law Enforcement
Flood waters caused several road closures around the county. Specific roads impacted were County Road C north of Goodrich as well as Oriole Drive just east of Stetsonville. In Medford, the Black River came within a few feet of the Curling Club, while the Rib River in Goodrich was within a few inches of the bottom of the bridge on State Highway 64. Due to road closures, the Medford school was closed on the 24th. The rain began the evening of the 22nd and continued until the early morning hours of the 24th, with the majority falling by mid afternoon on the 23rd. Rainfall totals across the county amounted to 4.58 inches at Gad, 3.40 inches at Medford, and 3.27 inches at Jump River.				
TAYLOR COUNTY --- PERKINSTOWN [45.20, -90.63], 3.7 WNW PERKINSTOWN [45.22, -90.70], 4.2 E HANNIBAL [45.25, -90.69], 3.8 N PERKINSTOWN [45.25, -90.62]				
	09/23/10 11:00 CST		23K	Flood (due to Heavy Rain)
	09/23/10 18:00 CST		0	Source: Newspaper
Brush Creek flooded and caused a culvert along Forest Road 1417 to wash out and the road to collapse.				
JACKSON COUNTY --- 0.3 ESE HATFIELD [44.42, -90.72], 0.7 NNE HATFIELD [44.43, -90.72], 0.6 NNE HATFIELD [44.43, -90.73], 0.1 E HATFIELD [44.42, -90.73]				
	09/23/10 13:52 CST		5K	Flood (due to Heavy Rain)
	09/24/10 13:00 CST		0	Source: Law Enforcement
The West Arbutus Campground was evacuated as culverts were failing.				
LA CROSSE COUNTY --- 2.6 WNW STEVENSTOWN [44.05, -91.22], 2.0 E COUNCIL BAY [44.05, -91.24], 2.2 SE COUNCIL BAY [44.03, -91.25], 2.7 W STEVENSTOWN [44.02, -91.22]				
	09/23/10 14:41 CST		1K	Flood (due to Heavy Rain)
	09/23/10 17:00 CST		0	Source: Law Enforcement
The shoulder of County Road TT was washed out.				
MONROE COUNTY --- WILTON [43.82, -90.53], 3.4 E CASHTON [43.76, -90.71], 7.5 SSE WILTON [43.72, -90.48], 0.4 WNW GLENDALE [43.78, -90.36]				
	09/23/10 15:00 CST		2K	Flood (due to Heavy Rain)
	09/23/10 22:00 CST		0	Source: Emergency Manager
Minor washouts occurred on County Roads U and Z.				
CLARK COUNTY --- 1.1 WSW NEILLSVILLE [44.56, -90.62], 1.0 SW NEILLSVILLE [44.56, -90.62], 1.1 SW NEILLSVILLE [44.56, -90.61], 1.2 SSW NEILLSVILLE [44.55, -90.61], 1.1 SSW NEILLSVILLE [44.56, -90.61], 1.0 SW NEILLSVILLE [44.56, -90.61], 1.0 SW NEILLSVILLE [44.56, -90.61], 1.0 SW NEILLSVILLE [44.56, -90.62]				
	09/23/10 17:30 CST		0	Flood (due to Heavy Rain)
	09/24/10 04:30 CST		0	Source: River/Stream Gage
Locally heavy rains pushed the Black River near Neillsville out of its banks on September 23rd and 24th. The river exceeded the flood stage by almost a foot, cresting at 18.78 feet.				
VERNON COUNTY --- CHASEBURG [43.65, -91.10], 1.0 NNW CHASEBURG [43.66, -91.11], 1.1 N CHASEBURG [43.66, -91.10], 0.9 NNE CHASEBURG [43.66, -91.09], 1.3 NE CHASEBURG [43.66, -91.08], 1.2 NE CHASEBURG [43.66, -91.08], 0.5 ENE CHASEBURG [43.65, -91.09]				
	09/23/10 20:00 CST		0	Flood (due to Heavy Rain)
	09/24/10 05:00 CST		0	Source: Emergency Manager
A few roads were closed in Chaseburg, including State Highway 162 as flooding occurred along Coon Creek.				

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ADAMS COUNTY --- ADAMS [43.95, -89.82], 0.9 ESE DELLWOOD [43.96, -89.95], 2.8 NNW EASTON [43.87, -89.96], 3.6 NNW PLAINVILLE [43.77, -89.84], 3.2 SSE PLAINVILLE [43.68, -89.80], 3.9 SSE PLAINVILLE [43.67, -89.79], 5.8 SSE PLAINVILLE [43.64, -89.78], 4.5 WSW BIG SPG [43.64, -89.71]				
	09/24/10 12:00 CST		91K	Flood (due to Heavy Rain)
	09/28/10 23:59 CST		0	Source: Newspaper
County Road Z was underwater between County Road H and State Highway 82. Gem Court was underwater west of State Highway 13 and the shoreline along Castle Rock Lake was flooded near the dam. There were 8 homes and 1 business that incurred minor damage due to the flooding.				
TREMPEALEAU COUNTY --- 1.5 S BUTMAN CORNERS [44.06, -91.28], 1.2 S BUTMAN CORNERS [44.06, -91.28], 1.0 SSE BUTMAN CORNERS [44.07, -91.27], 0.8 S BUTMAN CORNERS [44.07, -91.28], 1.3 SSW BUTMAN CORNERS [44.06, -91.29], 1.6 SW BUTMAN CORNERS [44.07, -91.31], 1.7 SW BUTMAN CORNERS [44.06, -91.31]				
	09/24/10 19:00 CST		0	Flood (due to Heavy Rain)
	09/29/10 06:30 CST		0	Source: River/Stream Gage
Locally heavy rains pushed the Black River near Galesville out of its banks from September 24th through the 29th. The river exceeded the flood stage by almost five feet, cresting at 16.77 feet. This crest established a new flood of record.				
JUNEAU COUNTY --- 2.0 N FINLEY [44.25, -90.14], 4.7 NNW (VOK)VOLK AAF CAMP D [43.98, -90.31], 3.3 SW HUSTLER [43.84, -90.31], 5.5 E WONEWOC [43.64, -90.12], 7.6 SE LYNDON STATION [43.64, -89.79], 6.5 SSE NECEDAH HORNSBURG AR [43.88, -89.97], 4.6 S NEW MINER [44.10, -90.02], 8.3 NE NEW MINER [44.25, -89.90]				
	09/24/10 21:00 CST		0.90M	Flood (due to Heavy Rain)
	09/28/10 07:00 CST		0	Source: Newspaper
The Yellow, Lemonweir and Wisconsin Rivers along with their tributaries flooded, which caused road closures, evacuations, and damage to some roads, homes and businesses. People were evacuated from a campground east of Mauston along the Lemonweir River, while a dozen campers, campsites and sheds were ruined. In Necedah, water rose onto the property of several businesses, while homes on the east side of town were evacuated. Five homes and 2 businesses incurred major damage, while 14 homes and 1 business reported minor damage. Some specific road closures included County Roads G and F, and 11th Street, as well as County Roads HH and N near Lyndon Station.				
VERNON COUNTY --- 2.9 NE KICKAPOO CENTER [43.50, -90.67], 2.9 NE KICKAPOO CENTER [43.50, -90.67], 2.8 NE KICKAPOO CENTER [43.50, -90.67], 2.7 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY [43.51, -90.68], 2.7 NE KICKAPOO CENTER [43.50, -90.67]				
	09/24/10 23:30 CST		0	Flood (due to Heavy Rain)
	09/25/10 15:00 CST		0	Source: River/Stream Gage
Locally heavy rains across west central Wisconsin pushed the Kickapoo River in Viola briefly out of its banks on September 24th and 25th. The river exceeded the flood stage by less than a half foot, cresting at 14.33 feet.				
A stationary front set up across central Wisconsin on the evening of September 22nd. As an unusually moist air mass flowed over this boundary, heavy rain developed and fell repeatedly across the area during the evening and overnight hours. Soils were abnormally wet for this time of year, therefore the extreme rainfall amounts that fell caused significant widespread flooding and flash flooding. Buffalo, Trempealeau, Jackson, Taylor, Clark, and Juneau counties were included in federal disaster declarations (FEMA-1933-DR).				
LA CROSSE COUNTY --- 1.3 NNW LA CROSSE [43.82, -91.25], 0.7 SW LA CROSSE [43.79, -91.26], 1.6 SSE LA CROSSE [43.78, -91.24], 1.8 S LA CROSSE [43.77, -91.24], 0.8 SW LA CROSSE [43.79, -91.26], 2.0 NW LA CROSSE [43.82, -91.27]				
	09/26/10 02:00 CST		0	Flood (due to Heavy Rain)
	09/30/10 23:59 CST		0	Source: River/Stream Gage
Heavy rains in the middle part of September across parts of Minnesota and Wisconsin produced flooding along the Mississippi River at La Crosse. The river exceeded the flood stage from September 26th through the remainder of the month. The river crested almost a foot and a half above the flood stage at 13.41 feet. Minor flooding occurred in the Town of Campbell, as a campground and some homes were affected.				
GRANT COUNTY --- 5.0 ENE MUSCODA [43.21, -90.36], 1.7 NNE MUSCODA [43.20, -90.44], 2.8 NNE BLUE RIVER [43.22, -90.54], 1.9 NE BLUE RIVER [43.20, -90.55], 1.4 NE MUSCODA [43.19, -90.43], 5.0 ENE MUSCODA [43.20, -90.36]				
	09/28/10 20:00 CST		0	Flood (due to Heavy Rain)
	09/30/10 23:59 CST		0	Source: River/Stream Gage
Heavy rains in the middle part of September across parts of Wisconsin produced flooding along the Wisconsin River at Muscoda. The river exceeded the flood stage from September 28th through the remainder of the month. The river crested over a half foot above the flood stage at 9.56 feet. This was the first time since 1993 that the Wisconsin River at Muscoda had exceeded the flood stage.				
Heavy rains that fell across portions of Minnesota and Wisconsin in the middle part of September produced considerable river flooding on many tributaries of the Mississippi River. As this water moved downstream, it pushed the Mississippi and Wisconsin Rivers out of their banks during the last part of September.				

Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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